

Proposed Amendments to the Select Claims:

14. **(Currently Amended):** A method of detecting a last bit in a bit vector comprising:
determining a highest active bit position in said bit vector;
determining a lowest active bit position in said bit vector;
comparing said highest active bit position and said lowest active bit position and when equal
determining that said bit vector contains just one active bit;
wherein said lowest and highest bit positions are encoded as n-bit values, where 2^n indicates the
width of said bit vector.
- 18 **(Currently Amended):** A traffic management device comprising:
a master sequence number that increments when a port selection cycle is completed;
a scheduler that reads polling parameters corresponding to port ids and selects ports for polling
based on said parameters;
a poller for issuing polls to ports; and
a queue controller for emitting data units to ports that respond affirmatively to said polls;
wherein said parameters include a port active parameter and wherein ports are not selected if said
port active parameters indicates there is no data to send to said port;
wherein ports are not selected if said port sequence parameter does not match a specified number
of bits of said master sequence number.